

Presenter Training and Dataset Overview

1. Using the SOS software

- Starting the SOS Software – SOS Stream GUI
 - Once the control computer is up, find the SOS Start icon on the desktop
 - Double-clicking this will start SOS Stream GUI
 - A generic playlist called normal-demo.sos is automatically loaded when the program is started
- Changing Playlists
 - To change playlists click Open Playlist... under the File menu
 - All playlists are stored in the /home/sos/sosrc directory (/home/sosdemo/sosrc for some sites)
 - If a playlist is edited while its open, you must refresh the playlist by clicking Reload current playlist
- Using a Playlist
 - Once a playlist is opened in SOS Stream GUI, click on a dataset to make the system load it on the sphere
 - The current dataset is colored to indicate if it is loading, loaded or has an error
- Controls for the Keyboard and GUI
 - Many of the keyboard commands are listed under the Controls menu
 - Others commands:
 - Next dataset: down arrow
 - Previous dataset: up arrow

2. Using the Wii Remote

- Connecting the Wii Remote
 - The remote is connected when a single light is on at the bottom of the remote
 - If the remote is disconnected, or unresponsive, press “1” and “2” simultaneously on remote to connect it
 - If the remote is still unresponsive, close the SOS Stream GUI and open it again
 - Under the “Remotes” tab in the Wiimote window, make sure that the remote is in the locked position
 - this prevents other Wii remotes from interacting with the system

3. Creating playlists

- Playlists for Presentations
 - A playlist is an ordered list of datasets, much like an iTunes playlist is a list of songs
 - The playlists use all of the information that is stored in the individual playlist.sos files
 - All playlist have to end with the extension .sos and are stored in the /home/sos/sosrc directory

- Making a Playlist
 - There are two main ways to make a playlist
 1. Manually type of the playlist
 - Can do this in any text editor
 - File needs to end with .sos
 - Must know the locations of the playlist.sos files
 2. Use the playlist editor
 - Drop and drag program
 - Has an interface, so you don't need to know locations

4. Giving presentations

- Docent Led Presentations
 - Typically, docents will use the remote control to lead groups through a playlist
 - The length of a presentation can vary depending on topic and audience
 - A standard presentation at the Planet Theater at NOAA in Boulder, CO is 30 – 45 minutes and includes 10 datasets on average.
 - This format allows the audience to interact and ask questions

5. Data Organization

- Data is in 5 Main Categories (matches the data catalog online)
 - Astronomy
 - Atmosphere
 - Land
 - Models and Simulations
 - Oceans
- There is a sixth category for “Extras”
- The “Library” tab in the SOS Stream GUI has a playlist for each category, which is a good way to browse all available datasets.